

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered). Please AMEND claims * and ADD new claims * in accordance with the following:

Please AMEND claims 1, 6, and 7 and ADD new claim 8 in accordance with the following:

1. (CURRENTLY AMENDED) A document browser that merges and displays additional information with document data, including text data and/or image data, that can be displayed on a display device, comprising:

an additional information input judgment part judging whether handwriting input is enabled at a location;

an additional information receiving part receiving input of the additional information that includes handwritten pen-track data;

~~a browsing part merging and displaying on the display device the document data with the additional information that includes handwritten pen-track data~~ a browsing part reading a Uniform Resource Locator (URL) of a displayed web page and its associated pen-track data from storage and merging with said displayed web page when said URL is among URL's stored in said storage;

a positional information obtaining part obtaining the positional information of the additional information in the document data;

a properties information obtaining part obtaining properties information of the additional information, said properties information including attribute information included in the additional information including line color, level of transparency, and line thickness or other properties data of the additional information such as a shape classification, size, or date and time of input;

an additional information storage part storing the additional information that includes handwritten pen-track data with the positional information and the properties information;

an additional information searching part searching the additional information stored in the additional information storage means based on the properties information of the additional information;

a search results display part displaying on the display device the search results found by

the additional information searching means; and

a handwriting pen-track identification part using pattern recognition technology to identify a kind of shape classification for pen-track data input using the pointing device.

2. (ORIGINAL) The document browser according to claim 1, wherein the document data is an HTML document, an XML document, or other structured document.

3. (CANCELLED)

4. (ORIGINAL) The document browser according to any of the claims 1, wherein the additional information receiving means comprises a pen tablet, a mouse, or other pointing device.

5. (ORIGINAL) The document browser according to any of the claims 1, wherein the additional information is displayed semi-transparently so that the document data is identifiable when the additional information is merged with the document data.

6. (CURRENTLY AMENDED) A document browsing method in which additional information is merged and displayed with document data, including text data and/or image data, that can be displayed on a display device, comprising:

displaying the document data on a display device;

judging whether handwriting input is enabled at a location;

receiving an input of additional information, including handwritten pen-track data, with respect to the document data displayed on the display device;

~~merging and displaying on the display device the document data with the additional information that includes handwritten pen-track data~~
reading a Uniform Resource Locator (URL) of a displayed web page and its associated pen-track data from storage and merging with said displayed web page when said URL is among URL's stored in said storage;

obtaining the positional information of the additional information in the document data;

obtaining properties information of the additional information, said properties information including attribute information included in the additional information including line color, level of transparency, and line thickness or other properties data of the additional information such as a shape classification, size, or date and time of input;

storing the additional information that includes handwritten pen-track data with the

positional information and the properties information;

searching the additional information stored in the additional information storage means based on the properties information of the additional information;

displaying on the display device the search results found by the additional information searching;

identifying, via pattern recognition technology, a kind of shape classification for pen-track data input using the pointing device.

7. (CURRENTLY AMENDED) A computer readable medium encoded with processing instructions for causing a processor to execute a document browsing method, the document browsing method merging and displaying additional information with document data, including text data and/or image data, that can be displayed on a display device, and comprising:

displaying the document data on a display device;

judging whether handwriting input is enabled at a location;

receiving the additional information, including handwritten pen-track data, input to the document data displayed on the display device;

~~merging and displaying on the display device the document data with the additional information that includes handwritten pen-track data~~ reading a Uniform Resource Locator (URL) of a displayed web page and its associated pen-track data from storage and merging with said displayed web page when said URL is among URL's stored in said storage;

obtaining the positional information of the additional information in the document data;

obtaining properties information of the additional information, said properties information including attribute information included in the additional information including line color, level of transparency, and line thickness or other properties data of the additional information such as a shape classification, size, or date and time of input;

storing the additional information that includes handwritten pen-track data with the positional information and the properties information;

searching the additional information stored in the additional information storage means based on the properties information of the additional information;

displaying on the display device the search results found by the additional information searching; and

identifying, via pattern recognition technology, a kind of shape classification for pen-track data input using the pointing device.

8. (NEW) A method for merging and displaying document data, comprising:
determining when contents of a web page being displayed change;
searching to determine whether a Uniform Resource Locator (URL) of the displayed web page is located in storage; and
reading said URL and its associated pen-track data from the storage, merging with the displayed web page, and displaying a result of said merging.